

FIG. 1A

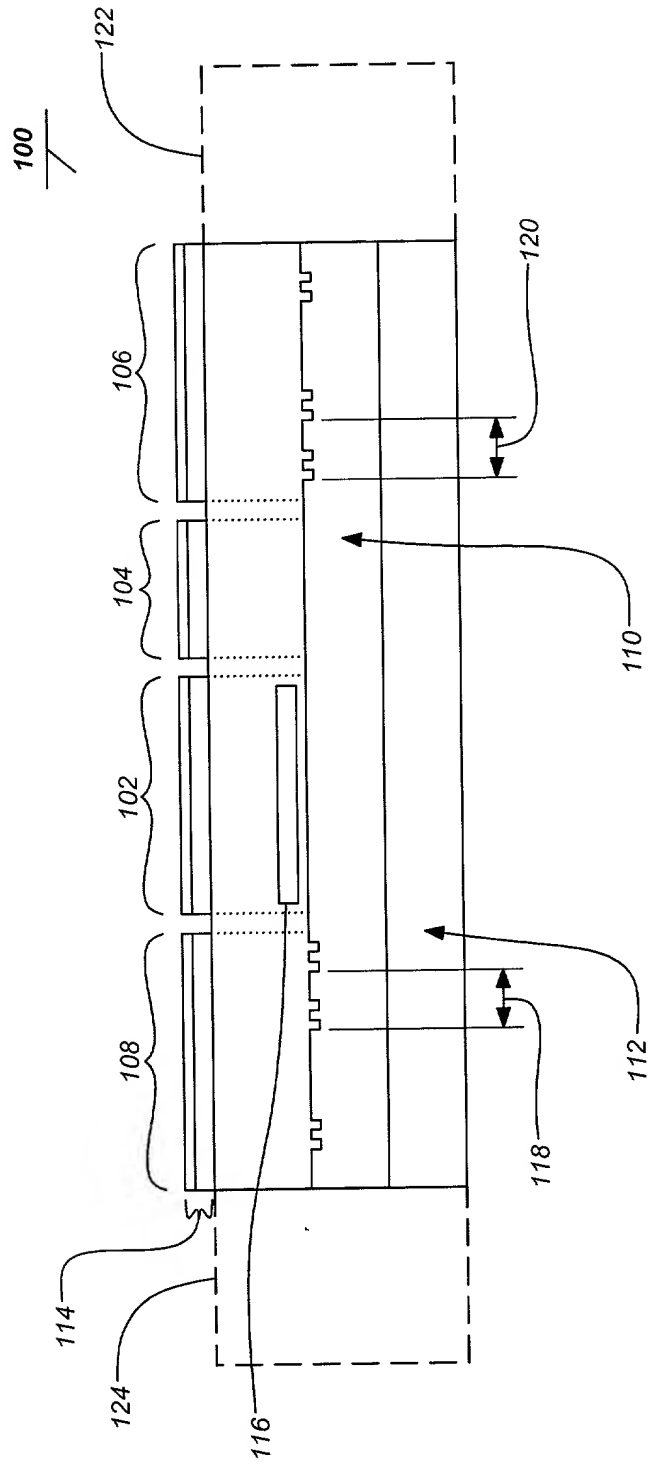


FIG. 1B

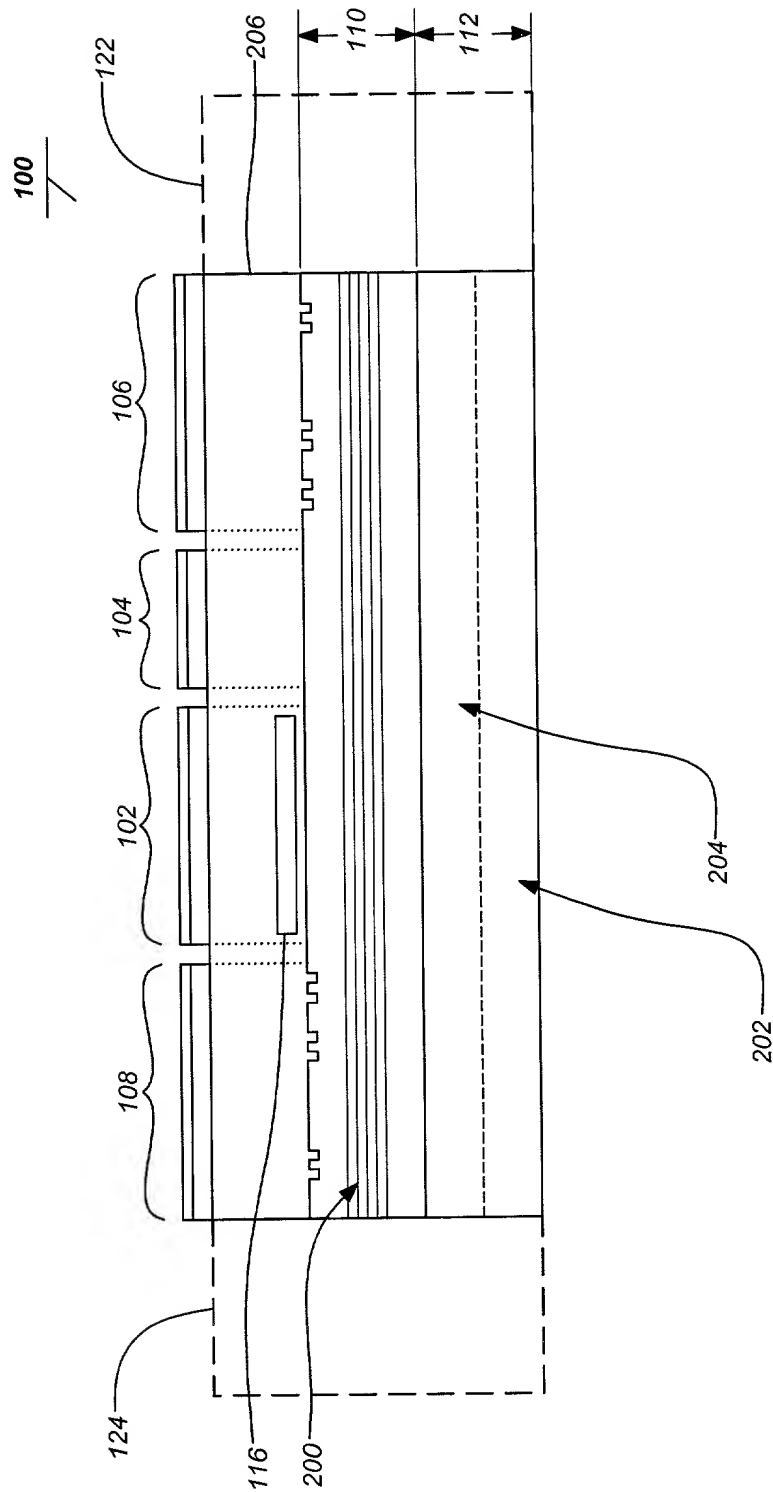


FIG. 2

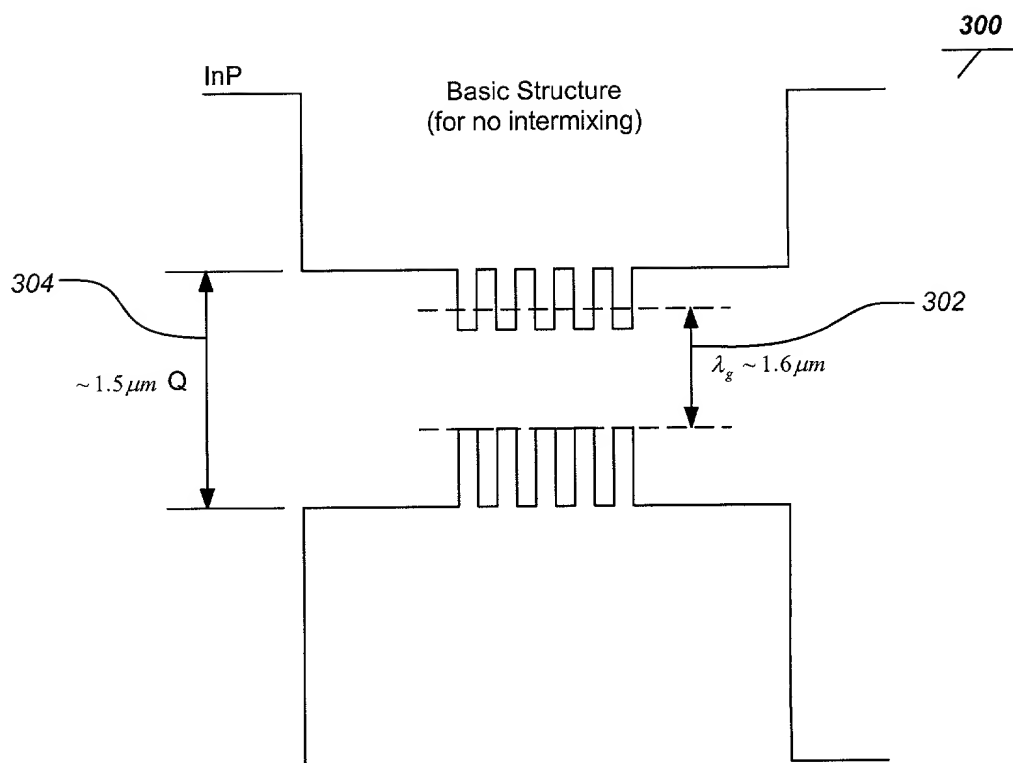


FIG. 3

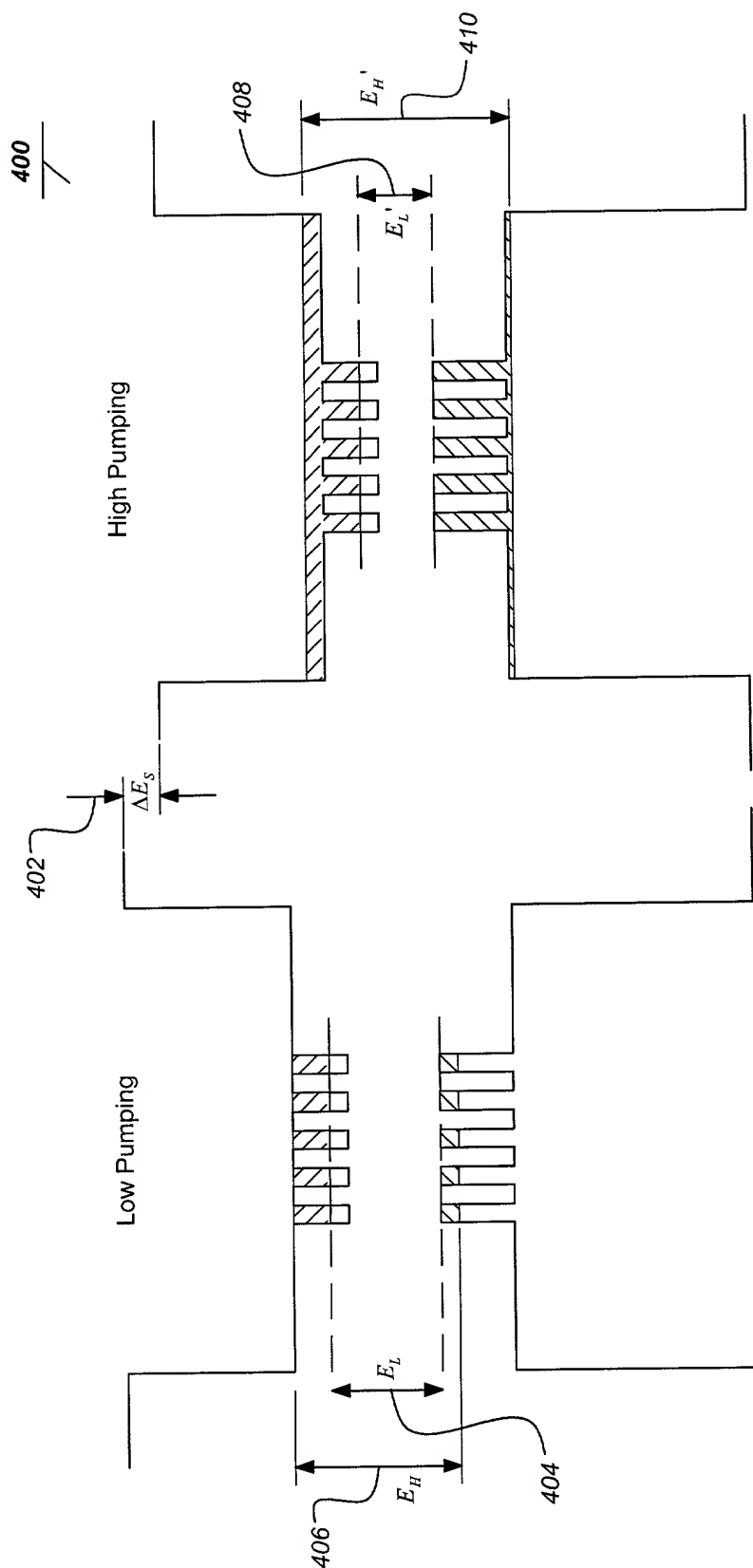


FIG. 4

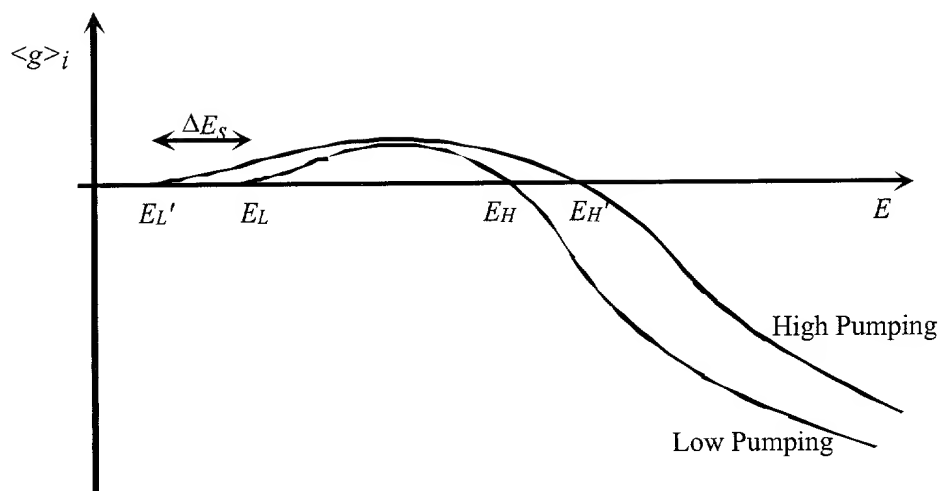


FIG. 5

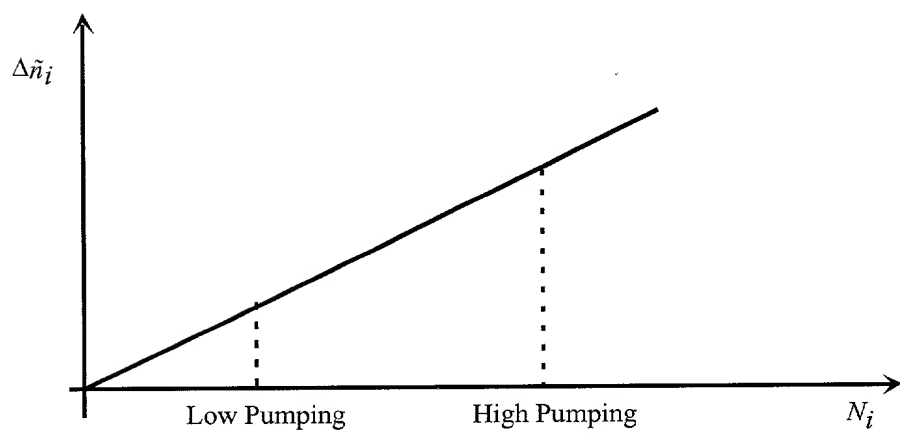


FIG. 6

Intermixed Structure
(Different base structure with
higher bandgap SCH)

700

$\sim 1.45 \mu m$ Q

702

$\lambda_g \sim 1.48 \mu m$

FIG. 7

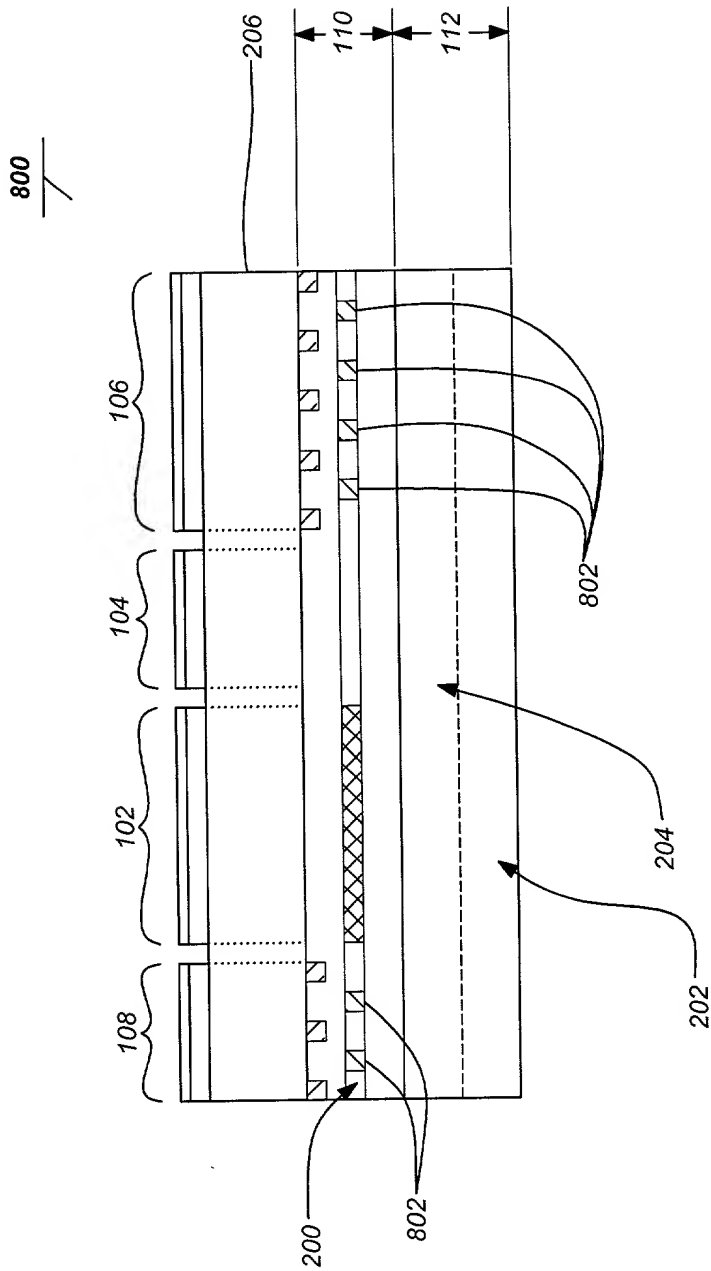


FIG. 8A

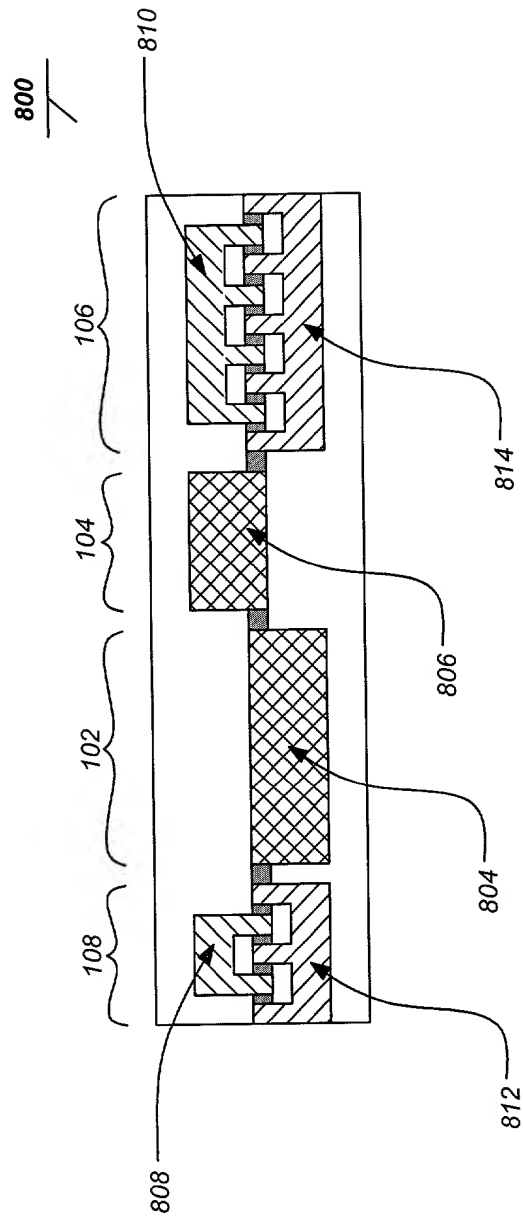


FIG. 8B